ABSTRACT OF THE DISCLOSURE

A virtual private network using domain name service proxy, and a method of virtual private networking, are disclosed. The VPN using domain name service proxy includes a user computer in communicative connection with a VPN client, at least one switch within the VPN client, and a VPN gateway communicatively connected to the VPN client. The switch receives at least one domain name service inquiry directed to the first domain name server from the VPN client, and redirects the at least one domain name service inquiry away from the first domain name server to the second domain name server through the gateway. The gateway unencrypts the payload and sends the payload to the second domain name server, which returns to the gateway a resolution of the at least one domain name service inquiry. The method includes the steps of receiving a request from at least one user for at least one address that can be translated by a second DNS server, detecting that the at least one address cannot be translated by a first DNS server, wherein the first DNS server is then in use by the user, redirecting the request from the first DNS server to a gateway, wherein the gateway directs the request to the second DNS server, and wherein the second DNS server resolves the request and returns the address to the gateway, and receiving, from the gateway, the requested address formatted according to the first DNS server.